

NM-MSSA/NM-ASR Item Analysis Report

Data Dictionary

This document explains the fields that are present on the NM-MSSA and NM-ASR Summative Item Reports in eMetric's Data Interaction system to help you interpret the report for your schools and/or district.

Column Header	Definition	Possible Values
Item identifier	The Cognia label for the item	A 6–7-digit alphanumeric identifier
Report Sequence	The sequence number of the item on the Individual Student Report (ISR). The ISR for each student shows how the student scored on each item on the test.	1, 2, 3, etc. up to the number of items on the test
Item Type	The item interaction type	MC (Multiple Choice) MS (Multi-Select) TEI (Technology-Enhanced Item) EBSR (Evidence-Based Selected Response) PMC (Paired Multiple Choice) MSMC (Multi-Select, Multiple Choice pairing) CR (Constructed Response)
Learning Target	The specific skill within a content standard that is being assessed in each item	e.g., Use context to determine the meaning of a word in a text.
Science Dimension	The codes associated with the three science dimensions: Science and Engineering Practices (SEP), Disciplinary Core Ideas (DCI), and Crosscutting Concepts (CCC) For more information, please visit this site: Three Dimensional Learning https://www.nextgenscience.org/three-dimensions	SEP1-SEP8 PS1-PS4, LS1-LS4, ESS1-ESS3, ETS1 CCC1-CCC7
Math Practice	The numerical code associated with the different mathematical practice standards For more information, please visit this site: Standards for Mathematical Practice Common Core State Standards Initiative (corestandards.org)	1, 2, 3, 4, 7, 8
Reporting Category	The strand, domain, or category from the standards within which the item aligns; each reporting category is covered by several items on the test	e.g., Text Type - Literary Text, Writing & Language, Geometry/Statistics & Probability, Life Sciences

Column Header	Definition	Possible Values
Standard	<p>The content standard alignment for the item</p> <p>For more information for ELA and Math, please visit this site: Read the Standards Common Core State Standards Initiative (corestandards.org)</p> <p>For more information for Science, please visit this site: Read the Standards Next Generation Science Standards Initiative (https://www.nextgenscience.org/search-standards)</p>	e.g., 05.OA.01.01, RI.05.04, L.05.04.c, W.05.03.b, MS-LS1-4
Depth of Knowledge	The categorization of the complexity of thinking required to successfully complete the item	Only available for ELA and Math DOK1, DOK2, DOK3
Difficulty Order	This is the rank of difficulty with 1 indicating the easiest item and items becoming progressively more difficult. Item difficulty is based on Item Response Theory (IRT).	1, 2, 3, etc. up to the number of items on the test
Achievement Level	Students in the listed Achievement Level (or above) are likely to answer the item correctly. Other students are unlikely to answer correctly.	Novice, Nearing Proficiency, Proficient, Advanced
Point Value	The maximum number of points assigned to the item	1, 2, 4
Mean Scores	The average score for the item calculated at the school, district, and state level	Numeric values ranging from 0 to the maximum number of points assigned to the item (see Point Value), reported as decimals